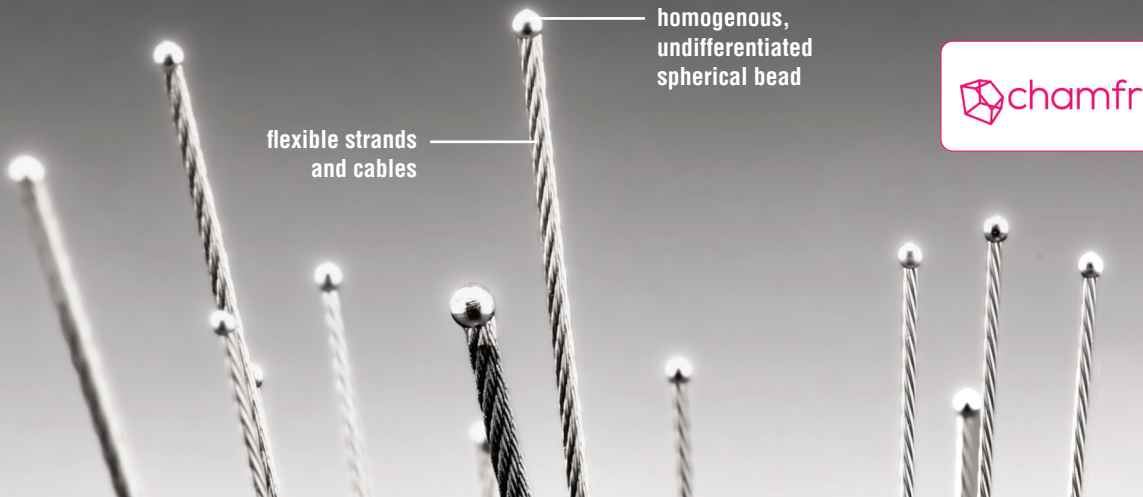


Beaded Strand System®

Empowering You With Maximum Flexibility



flexible strands
and cables

homogenous,
undifferentiated
spherical bead



chamfr

Now available
on chamfr.com

Flexibility, any way you want it.

Surgical Robotics

Engineered for maximum flexibility and strength in high-repetition environments

Endoluminal Robotics

Flexibility allows for highly controlled motion around small pulley radii

Vascular Access

Reliable guidewires manufactured to produce superior patient outcomes

Brachytherapy

Expertly built for extended fatigue life and consistent, reliable results

Transcatheter Therapy

Variable bead diameter enables ease of integration in challenging environments

Cardiac Intervention

Atraumatic design improves overall access and ability when it matters most

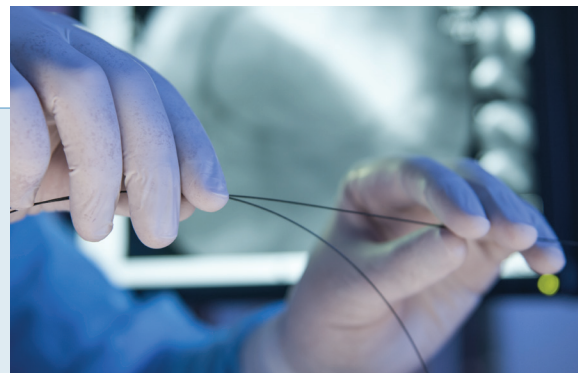
Offering maximum flexibility,

Beaded Strand System®

empowers you with unparalleled performance at the component level.

Think Small. Even Smaller.

Discover how BSS® is helping you create smarter, smaller products. We're here to help you when you're thinking small.



Beaded Strand System®

As the demand for precision products escalates, Beaded Strand System®, or BSS®, continues to be a solid solution bridging the gap between reliability, manufacturing, and flexibility in real-time, fostering improved biocompatibility by maintaining homogeneous material composition.

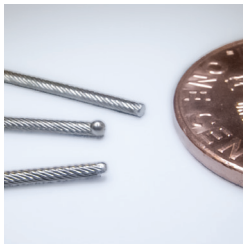
Made with multiple strands, the bead of this system provides a secure attachment point without the need to incorporate external hardware, eliminating undesirable complexities in a system.

This spherical, homogenous ball-end made of multifilar strands and cables is specifically engineered to produce uniquely repeatable and reliable tensile results at the smallest working cable diameters. With a uniform composition and contiguous volume, these components provide a foundation for a variety of competitive sizes and finished assemblies with diameters down to Ø0.0015”.



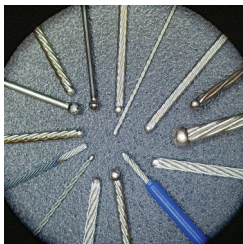
Performance

- Ultimate flexibility for smallest bend radii
- Increased maneuverability in tight environments
- Assembly strength 40-60% of base material (base material up to 250 lbs.)
- Outperforms when the tightest dimensional specifications are needed
- Optimized fatigue life for better patient outcomes



Features

- Spherical bead at the end of a multifilar strand or cable
- Atraumatic design minimizes tissue damage
- Max bead diameter 2.5x base material (base Ø0.0015” to Ø0.047”)
- Controls the essential function of the device
- Can be applied across a myriad of metal substrates



Key Advantages

- Pre-designed and pre-manufactured, shortening product development life cycle
- Economical option when customization is cost prohibitive
- Consistent and repeatable output with robust process capabilities
- In-stock and ready to ship
- Streamlined biocompatibility applications



Benefits

- The beaded end is homogeneously formed from source material
- Useful in quick R&D prototyping phase
- Manufactured in our in-house, ISO 7 and 8 certified cleanrooms
- Meets our rigorous “Strand-level” quality control standards
- Enables minimally invasive technology



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